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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL FOR PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a United States patent application entitled **CATHOD HEAD WITH FOCAL SPOT CONTROL** in the name of the following inventor: Ricky Smith.

Enclosed are the following:

- X A specification, claims, abstract, and cover page in total comprising twenty-four (24) pages.
- X Four (4) sheets of drawings.
- X A single signature Declaration, Power of Attorney and Petition.
- X An Assignment conveying the invention to Varian Medical Systems Technologies, Inc., including a Form PTO 1595 recordation cover sheet.
- X A Certificate of Mailing by "Express Mail" certifying a filing date by use of Express Mail Label No. EV291368433US.

The filing fee has been calculated as shown below.

			SMALL ENTITY		LARGE ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$385		\$770
TOT. CLAIMS	32 - 20=	12	X 9=		X 18=	216
IND. CLAIMS	4 - 3=	1	X 43		X 86=	86
MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL		TOTAL	\$1,072.00

X PTO-2038 Credit Card Payment Form in the amount of \$1,112.00 is enclosed to cover:

X The \$1,072.00 government filing fee.

X The \$40.00 recordation fee of the enclosed assignment.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

X Any additional filing fees required under 37 C.F.R. § 1.16.

X Any patent application processing fees under 37 C.F.R. § 1.17.

X The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3178.

X Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

X Any patent application processing fees under 37 C.F.R. § 1.17.

X A duplicate copy of this letter is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 9th day of February, 2004.

Respectfully submitted,



ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596
Customer No. 022913

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"Express Mail" Mailing Label No.: EV291368433US

Date of Deposit: February 9, 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- Patent Application in the name(s) of Ricky Smith for CATHODE HEAD WITH FOCAL SPOT CONTROL (24 pages)
- Drawings (4 sheets)
- Assignment with Form PTO-1595 cover sheet (4 pages)
- Declaration, Power of Attorney and Petition (2 pages)
- Transmittal Letter (3 pages) (in duplicate)
- PTO-2038 Credit Card Payment Form for \$1,112.00
- Certificate of Express Mailing
- Postcard

Dated this 9th day of February, 2004.

Respectfully submitted,



ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596
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